


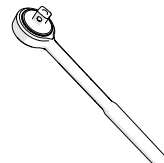
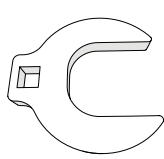
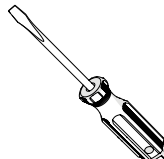

The ProtoMAX® Support Site contains useful documents and videos on the installation and operation of your ProtoMAX abrasive waterjet system. Visit protomax.com/support for the detailed ProtoMAX Installation Guide, ProtoMAX Operation Guide, and other support documentation.

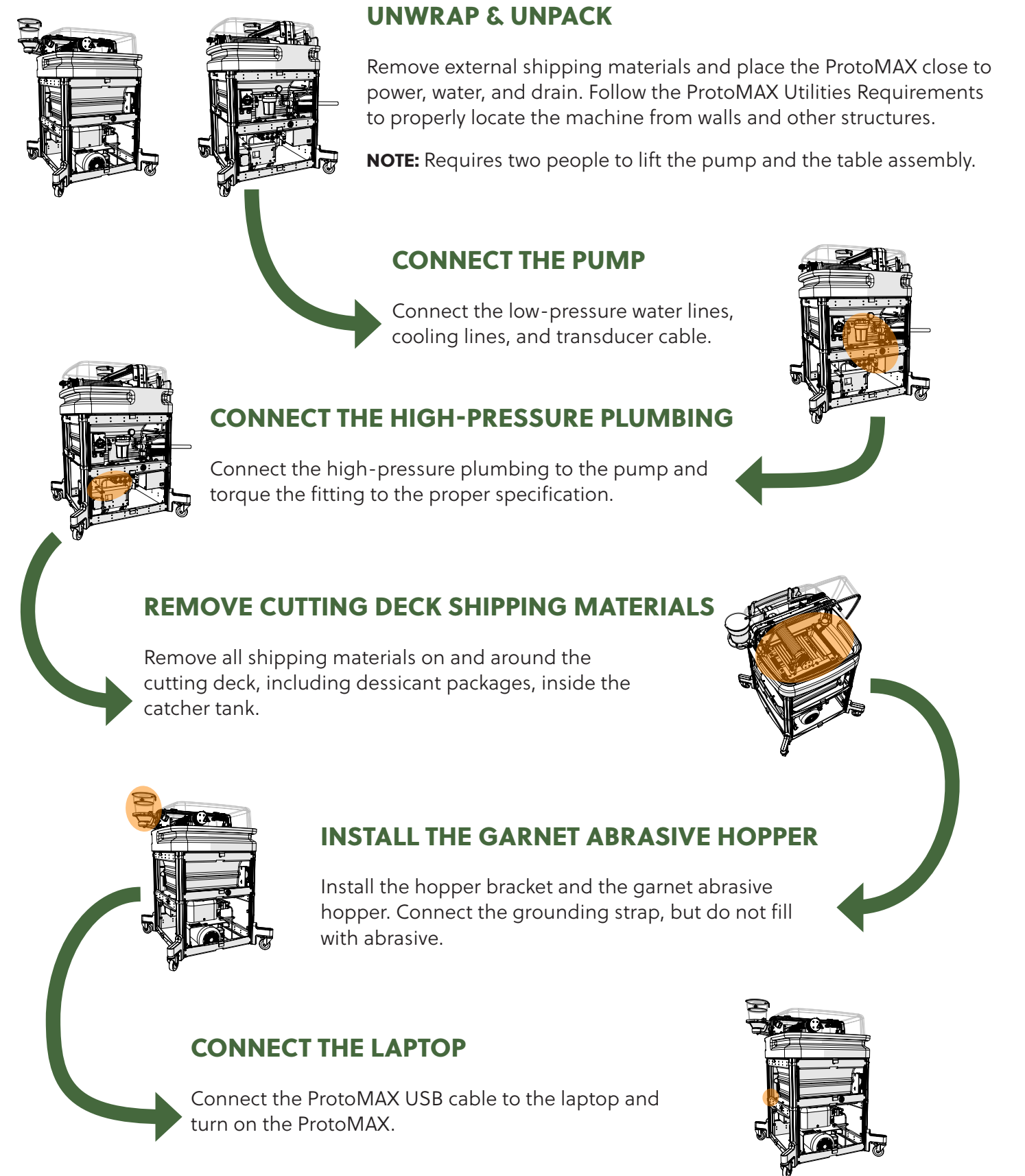
MACHINE SAFETY LABELS

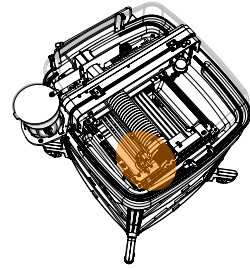
The following safety labels may appear on the equipment. If ignored, physical injury, death, or equipment damage may occur. Read the safety information in the Installation Guide before installing, operating, or maintaining the equipment.

	ELECTRICAL HAZARD		KEEP HANDS AWAY FROM JET		WEAR EYE PROTECTION
	ELECTROSTATIC DISCHARGE		FLYING DEBRIS / LOUD NOISE		WEAR EAR PROTECTION
	BELT AND PULLEY HAZARD		DO NOT OPERATE WITHOUT GUARD		WEAR GLOVES
	PINCH/CRUSH HAZARD		DO NOT SPRAY		CONSULT THE MANUAL
	MOVING PARTS CRUSH HAZARD		MANDATORY DISCONNECT POWER		STEP HAZARD

REQUIRED TOOLS

						
SAFETY GLOVES	SAFETY GLASSES	UTILITY KNIFE	SCISSORS	PRY BAR	SOCKET WRENCH	SOCKET 7/16 IN
						
BALL-END HEX WRENCH 4 MM, 5 MM	OPEN-END WRENCH 3/4 IN, 10 MM	SNIPS	TORQUE WRENCH 20-80 IN-LB	CROWFOOT WRENCH 5/8 IN, 19 MM	SCREWDRIVER FLAT TIP	FLASHLIGHT

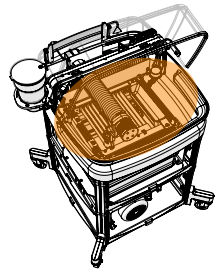
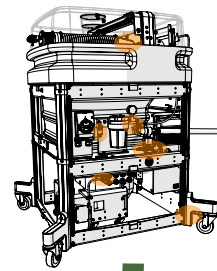




FLUSH THE SYSTEM

Flush the high-pressure plumbing and check for leaks on all the water fittings.

NOTE: Visually inspect high-pressure plumbing fittings from a safe distance (16" minimum).

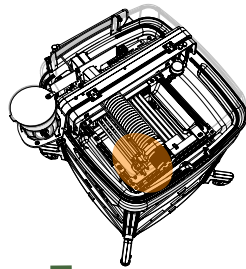
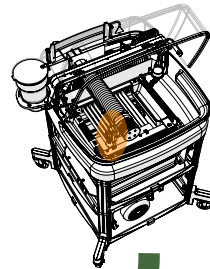


FILL THE CATCHER TANK

Fill the catcher tank to the top edge of the slats and inspect tank for leaks.

INSTALL THE NOZZLE

Install the cutting head nozzle, filter, mixing tube, and splash guard.

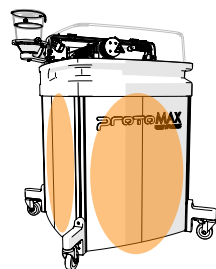
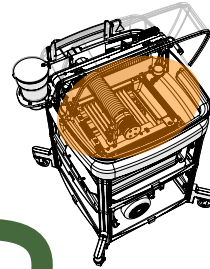


PERFORM SYSTEM & NOZZLE TESTS

Verify safety feature functionality and perform nozzle tests.

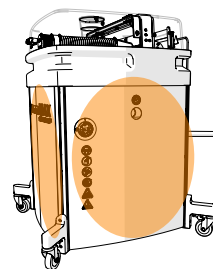
INSTALL THE MATERIAL HOLDING KIT

Install the four part holding post assemblies to the support frame and add the material clamps.



INSTALL SIDE PANELS

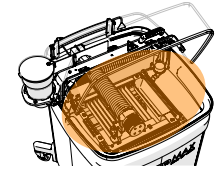
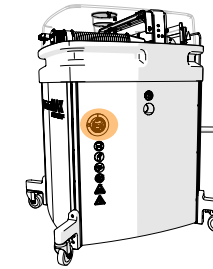
Install the plastic panels on all three sides of the ProtoMAX.



**CONGRATULATIONS, YOUR PROTOMAX IS READY TO USE!
NOW LET'S CUT YOUR FIRST PART.**

PROTOMAX STARTUP

Turn on the ProtoMAX and the laptop computer.



LOAD & FIXTURE MATERIAL

Open the ProtoMAX lid and place your material on the cutting bed. Use the Material Holding Kit to secure your material.

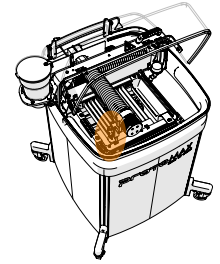


OPEN & CONFIGURE A PART FILE

Open the ProtoMAX MAKE application, load a part file, and configure it for your material.

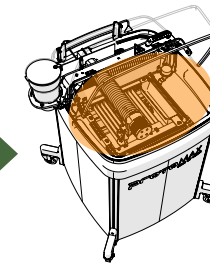
PREPARE & POSITION THE NOZZLE

Properly set nozzle stand-off and move the nozzle to the start position.



CONDUCT A DRY RUN OF THE PART

Use the MAKE application to do a dry run and ensure the path remains on the material.



ADJUST WATER LEVEL & CUT THE PART

Add water to cover the material being cut. Use the MAKE application to cut the part.



CONGRATULATIONS, YOU'VE CUT YOUR FIRST PROTOMAX PART!

SUPPORT INFORMATION

OMAX is continually improving the ProtoMAX to bring you the best in abrasive waterjet technology. For that reason, your ProtoMAX may differ slightly from descriptions and images in this document. If you have any questions, please contact us for assistance.

MAIN WEBSITE:	protomax.com
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